



Code: 7355

Family: Construction, Maintenance, and Skilled Labor

Service: Operation and Construction

Group: River, Harbor, and Transportation

Series: Marine

CLASS TITLE: MARINE PILOT - FIREBOAT

CHARACTERISTICS OF THE CLASS

Under direction, controls and commands the course of fireboats to and from the scene of fires, and performs related duties as required

ESSENTIAL DUTIES

- Assigns and directs the activities of all fireboat personnel
- Directs and inspects the performance of maintenance and repair functions relating to the engine room and auxiliary equipment
- Checks and maintains all navigational equipment to ensure that it is in proper operating condition
- Instructs crew in lifeboat drills
- Trains employees in the use and maintenance of fire-extinguishing equipment
- Maintains radio logs and other records
- Performs navigational duties enroute to the scene of fires
- Maintains radio watch while officers and crew perform firefighting duties
- Prepares reports as necessary

NOTE: *The list of essential duties is not intended to be inclusive; there may be other duties that are essential to particular positions within the class.*

MINIMUM QUALIFICATIONS

Education, Training, and Experience

- Five years of work experience in the navigation and piloting of a boat at least 100 tons or greater

Licensure, Certification, or Other Qualifications

- Pilot's license from the United States Coast Guard for Great Lakes-Inland, operating a vessel of at least 100 tons or greater
- Pilot's license from the United States Coast Guard for Western Rivers, operating a vessel of at least 100 tons or greater
- Master Towing Vessel License as issued by the United States Coast Guard
- Federal Communications Commission Radio Operator's license is required

WORKING CONDITIONS

- General office environment
- Exposure to outdoor weather conditions
- Exposure to loud noise, fumes or dust, oily or wet environment

EQUIPMENT

- Communication equipment (e.g., two-way radio, dispatch communications equipment, multi-channel system)
- Personal protective equipment (e.g., hard hat, shoes, glasses, gloves, vest, pads)

PHYSICAL REQUIREMENTS

- Ability to walk and stand for extended or continuous periods of time
- Ability to move one's hands and arms to grasp or manipulate objects
- Ability to climb staircases, ladders, and/or step stools

KNOWLEDGE, SKILLS, ABILITIES, AND OTHER WORK REQUIREMENTS

Knowledge

Considerable knowledge of:

- *navigational rules and regulations
- *location of channels, floating bells, lights, landmarks, and signals
- *methods and procedures applicable to navigating a fireboat
- *applicable emergency operations

Some knowledge of:

- supervisory methods, practices, and procedures
- *fireboat mechanical and electronic systems and equipment
- *applicable communications equipment and devices
- *use of safety equipment and protective gear
- *applicable safety procedures and code standards specific to fireboat operations, including OSHA standards

Knowledge of applicable City and department policies, procedures, rules, regulations, and ordinances

Skills

- *ACTIVE LISTENING - Give full attention to what other people are saying, take time to understand the points being made, ask questions as appropriate, and not interrupt at inappropriate times
- *MONITORING - Monitor and assess performance of one's self, other individuals, or organizations to make improvements or take corrective action
- *MANAGEMENT OF MATERIAL RESOURCES - Obtain and see to the appropriate use of equipment, facilities, and materials needed to do certain work
- *COORDINATION WITH OTHERS - Adjust actions in relation to others' actions
- *INSTRUCTING - Teach others how to do something
- *JUDGEMENT AND DECISION MAKING - Consider the relative costs and benefits of potential actions to choose the most appropriate one
- *EQUIPMENT MAINTENANCE - Perform routine maintenance on equipment and determine when and what kind of maintenance is needed
- *EQUIPMENT SELECTION - Determine the kind of tools and equipment needed to do a job

- *OPERATION AND CONTROL - Control operations of equipment or systems
- *OPERATION MONITORING - Watch gauges, dials, or other indicators to make sure a machine is working properly

Abilities

- COMPREHEND ORAL INFORMATION - Listen to and understand information and ideas presented through spoken words and sentences
- SPEAK - Communicate information and ideas in speaking so others will understand
- COMPREHEND WRITTEN INFORMATION - Read and understand information and ideas presented in writing
- CONCENTRATE - Concentrate on a task over a period of time without being distracted
- RECOGNIZE PROBLEMS - Tell when something is wrong or is likely to go wrong
- RECOGNIZE SPATIAL ORIENTATION - Know one's location in relation to the environment or to know where other objects are in relation to one's self
- IDENTIFY PATTERNS - Identify or detect a known pattern (a figure, object, word, or sound) that is hidden in other distracting material
- ORGANIZE INFORMATION - Arrange things or actions in a certain order or pattern according to a specific rule or set of rules (e.g., patterns of numbers, letters, words, pictures, mathematical operations)

Other Work Requirements

- PERSISTENCE - Persist in the face of obstacles on the job
- INITIATIVE - Demonstrate willingness to take on job challenges
- LEADERSHIP - Demonstrate willingness to lead, take charge, and offer opinions and direction
- COOPERATION - Be pleasant with others on the job and display a good-natured, cooperative attitude
- ADAPTABILITY/FLEXIBILITY - Be open to change (positive or negative) and to considerable variety in the workplace
- DEPENDABILITY - Demonstrate reliability, responsibility, and dependability and fulfill obligations
- ATTENTION TO DETAIL - Pay careful attention to detail and thoroughness in completing work tasks

All employees of the City of Chicago must demonstrate commitment to and compliance with applicable state and federal laws, and City ordinances and rules; the City's Ethics standards; and other City policies and procedures.

The City of Chicago will consider equivalent foreign degrees, accreditations, and credentials in evaluating qualifications.

* May be required at entry.

City of Chicago
Department of Human Resources
Minimum qualifications: revised February, 2018